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# 6



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## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/027,219

DATE: 09/16/2002

TIME: 15:11:15

Input Set : N:\Crf3\RULE60\10027219.raw  
 Output Set: N:\CRF4\09162002\J027219.raw

## SEQUENCE LISTING

## 3 (1) GENERAL INFORMATION:

5 (i) APPLICANT: Vidal et al., Marc  
 7 (ii) TITLE OF INVENTION: REVERSE TWO-HYBRID SYSTEMS

9 (iii) NUMBER OF SEQUENCES: 19

11 (iv) CORRESPONDENCE ADDRESS:

12 (A) ADDRESSEE: Fish & Richardson P.C.  
 13 (B) STREET: 601 13th Street, NW  
 14 (C) CITY: Washington  
 15 (D) STATE: DC  
 16 (E) COUNTRY: USA  
 17 (F) ZIP: 20005

19 (v) COMPUTER READABLE FORM:

20 (A) MEDIUM TYPE: Floppy disk  
 21 (B) COMPUTER: IBM PC compatible  
 22 (C) OPERATING SYSTEM: PC-DOS/MS-DOS  
 23 (D) SOFTWARE: PatentIn Release #1.0, Version #1.30

25 (vi) CURRENT APPLICATION DATA:

26 (A) APPLICATION NUMBER: US/10/027,219  
 27 (B) FILING DATE: 21-Dec-2001  
 28 (C) CLASSIFICATION:

30 (vii) PRIOR APPLICATION DATA:

31 (A) APPLICATION NUMBER: US/08/959,536  
 32 (B) FILING DATE:  
 34 (A) APPLICATION NUMBER: US 08/420,525  
 35 (B) FILING DATE: 11-APR-1995

37 (viii) ATTORNEY/AGENT INFORMATION:

38 (A) NAME: Ellison, Eldora L.  
 39 (B) REGISTRATION NUMBER: 39,967  
 40 (C) REFERENCE/DOCKET NUMBER: 00786/239001

42 (ix) TELECOMMUNICATION INFORMATION:

43 (A) TELEPHONE: 202/783-5070  
 44 (B) TELEFAX: 202/782-2331

47 (2) INFORMATION FOR SEQ ID NO: 1:

49 (i) SEQUENCE CHARACTERISTICS:

50 (A) LENGTH: 60 base pairs  
 51 (B) TYPE: nucleic acid  
 52 (C) STRANDEDNESS: single  
 53 (D) TOPOLOGY: linear

59 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:

61 GAAAGGTTAAT GTGGCTGTGG TTTCAAGGGTC CATAAAAGCTT GTCCTGGAAAG TCTCATGGAG

60

64 (2) INFORMATION FOR SEQ ID NO: 2:

66 (i) SEQUENCE CHARACTERISTICS:

ENTERED

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DATE: 09/16/2002  
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Input Set : N:\Crf3\RULE60\10027219.raw  
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67 (A) LENGTH: 34 base pairs  
68 (B) TYPE: nucleic acid  
69 (C) STRANDEDNESS: single  
70 (D) TOPOLOGY: linear  
76 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2: 34  
78 TCAGGATCCC TAGGTTCCCTT TGTACTTCT TCCG  
80 (2) INFORMATION FOR SEQ ID NO: 3:  
82 (i) SEQUENCE CHARACTERISTICS:  
83 (A) LENGTH: 23 base pairs  
84 (B) TYPE: nucleic acid  
85 (C) STRANDEDNESS: single  
86 (D) TOPOLOGY: linear  
92 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3: 23  
94 GCGAGGCATA TTTATGGTGA AGG  
96 (2) INFORMATION FOR SEQ ID NO: 4:  
98 (i) SEQUENCE CHARACTERISTICS:  
99 (A) LENGTH: 22 base pairs  
100 (B) TYPE: nucleic acid  
101 (C) STRANDEDNESS: single  
102 (D) TOPOLOGY: linear  
108 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 4: 22  
110 CATTCCGTG CAAGGTACTA AC  
112 (2) INFORMATION FOR SEQ ID NO: 5:  
114 (i) SEQUENCE CHARACTERISTICS:  
115 (A) LENGTH: 54 base pairs  
116 (B) TYPE: nucleic acid  
117 (C) STRANDEDNESS: single  
118 (D) TOPOLOGY: linear  
124 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 5: 54  
126 AAGCTTATGC CCAAGAAGAA GCGGAAGGTC TCGAGGTCGA CCCCCGGAAT TCAG  
128 (2) INFORMATION FOR SEQ ID NO: 6:  
130 (i) SEQUENCE CHARACTERISTICS:  
131 (A) LENGTH: 12 amino acids  
132 (B) TYPE: amino acid  
133 (C) STRANDEDNESS: Not Relevant  
134 (D) TOPOLOGY: linear  
136 (ii) MOLECULE TYPE: peptide  
141 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 6:  
143 Met Pro Lys Lys Lys Arg Lys Val Ser Arg Ser Thr  
144 1 5 10  
146 (2) INFORMATION FOR SEQ ID NO: 7:  
148 (i) SEQUENCE CHARACTERISTICS:  
149 (A) LENGTH: 106 base pairs  
150 (B) TYPE: nucleic acid  
151 (C) STRANDEDNESS: single  
152 (D) TOPOLOGY: linear  
158 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 7: 60  
160 GTATCGTCGA GGTGACCCCC GGGATTCAAG ATCTACTAGT GCGGCCGCTA AGTAAGTAAG  
162 ACGTCGAGCT CTAAGTAAGT AACGGCCGCC ACCGCGGTGG AGCTTT 106

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164 (2) INFORMATION FOR SEQ ID NO: 8:  
166 (i) SEQUENCE CHARACTERISTICS:  
167 (A) LENGTH: 12 amino acids  
168 (B) TYPE: amino acid  
169 (C) STRANDEDNESS: Not Relevant  
170 (D) TOPOLOGY: linear  
172 (ii) MOLECULE TYPE: peptide  
177 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 8:  
179 Val Ser Ser Arg Ser Thr Pro Gly Ile Gln Ile Tyr  
180 1 5 10  
182 (2) INFORMATION FOR SEQ ID NO: 9:  
184 (i) SEQUENCE CHARACTERISTICS:  
185 (A) LENGTH: 106 base pairs  
186 (B) TYPE: nucleic acid  
187 (C) STRANDEDNESS: single  
188 (D) TOPOLOGY: linear  
194 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 9:  
196 AAAGAGGGTG GGTGACCCC GGGAAATTCAAG ATCTACTAGT GCGGCCGCTA AGTAAGTAAG 60  
198 ACGTCGAGCT CTAAGTAAGT AACGGCCGCC ACCGCGGTGG AGCTTT 106  
200 (2) INFORMATION FOR SEQ ID NO: 10:  
202 (i) SEQUENCE CHARACTERISTICS:  
203 (A) LENGTH: 12 amino acids  
204 (B) TYPE: amino acid  
205 (C) STRANDEDNESS: Not Relevant  
206 (D) TOPOLOGY: linear  
208 (ii) MOLECULE TYPE: peptide  
213 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 10:  
215 Lys Glu Gly Gly Ser Thr Pro Gly Ile Gln Ile Tyr  
216 1 5 10  
218 (2) INFORMATION FOR SEQ ID NO: 11:  
220 (i) SEQUENCE CHARACTERISTICS:  
221 (A) LENGTH: 18 amino acids  
222 (B) TYPE: amino acid  
223 (C) STRANDEDNESS: Not Relevant  
224 (D) TOPOLOGY: linear  
226 (ii) MOLECULE TYPE: peptide  
231 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 11:  
233 Gln Ile Asn Leu Lys Ser His Ser Gly Pro Ile His Val Leu Leu Ile  
234 1 5 10 15  
236 Asn Lys  
239 (2) INFORMATION FOR SEQ ID NO: 12:  
241 (i) SEQUENCE CHARACTERISTICS:  
242 (A) LENGTH: 18 amino acids  
243 (B) TYPE: amino acid  
244 (C) STRANDEDNESS: Not Relevant  
245 (D) TOPOLOGY: linear  
247 (ii) MOLECULE TYPE: peptide  
252 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 12:  
254 Gln Ile His Leu Lys Ser Val Ser Gly Pro Ile Glu Val Leu Leu Val

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255 1 5 10 15  
257 Asn Lys  
260 (2) INFORMATION FOR SEQ ID NO: 13:  
262 (i) SEQUENCE CHARACTERISTICS:  
263 (A) LENGTH: 18 amino acids  
264 (B) TYPE: amino acid  
265 (C) STRANDEDNESS: Not Relevant  
266 (D) TOPOLOGY: linear  
268 (ii) MOLECULE TYPE: peptide  
273 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 13:  
275 Gln Ile His Leu Ala Ser Thr Gln Gly Pro Ile Glu Val Tyr Leu Cys  
276 1 5 10 15  
278 Pro Glu  
281 (2) INFORMATION FOR SEQ ID NO: 14:  
283 (i) SEQUENCE CHARACTERISTICS:  
284 (A) LENGTH: 18 amino acids  
285 (B) TYPE: amino acid  
286 (C) STRANDEDNESS: Not Relevant  
287 (D) TOPOLOGY: linear  
289 (ii) MOLECULE TYPE: peptide  
294 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 14:  
296 Gln Ile Tyr Leu Lys Ser Thr Gln Gly Pro Ile Glu Val Tyr Leu Cys  
297 1 5 10 15  
299 Pro Glu  
302 (2) INFORMATION FOR SEQ ID NO: 15:  
304 (i) SEQUENCE CHARACTERISTICS:  
305 (A) LENGTH: 18 amino acids  
306 (B) TYPE: amino acid  
307 (C) STRANDEDNESS: Not Relevant  
308 (D) TOPOLOGY: linear  
310 (ii) MOLECULE TYPE: peptide  
315 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 15:  
317 Gln Ile Ser Leu Lys Ser Lys Gln Gly Pro Ile Asp Val Phe Leu Cys  
318 1 5 10 15  
320 Pro Glu  
323 (2) INFORMATION FOR SEQ ID NO: 16:  
325 (i) SEQUENCE CHARACTERISTICS:  
326 (A) LENGTH: 18 amino acids  
327 (B) TYPE: amino acid  
328 (C) STRANDEDNESS: Not Relevant  
329 (D) TOPOLOGY: linear  
331 (ii) MOLECULE TYPE: peptide  
336 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 16:  
338 Gln Thr Ser Leu Lys Ser Lys Gln Gly Pro Ile Asp Val Phe Leu Cys  
339 1 5 10 15  
341 Pro Glu  
344 (2) INFORMATION FOR SEQ ID NO: 17:  
346 (i) SEQUENCE CHARACTERISTICS:  
347 (A) LENGTH: 18 amino acids

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348 (B) TYPE: amino acid  
349 (C) STRANDEDNESS: Not Relevant  
350 (D) TOPOLOGY: linear  
352 (ii) MOLECULE TYPE: peptide  
357 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 17:  
359 Gln Ile Ser Leu Lys Ser Lys Pro Gly Pro Ile Gly Val Phe Leu Cys  
360 1 5 10 15  
362 Pro Glu  
365 (2) INFORMATION FOR SEQ ID NO: 18:  
367 (i) SEQUENCE CHARACTERISTICS:  
368 (A) LENGTH: 18 amino acids  
369 (B) TYPE: amino acid  
370 (C) STRANDEDNESS: Not Relevant  
371 (D) TOPOLOGY: linear  
373 (ii) MOLECULE TYPE: peptide  
378 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 18:  
380 Gln Thr Ser Leu Lys Ser Lys Gln Gly Pro Ile Asp Val Phe Leu Cys  
381 1 5 10 15  
383 Pro Glu  
386 (2) INFORMATION FOR SEQ ID NO: 19:  
388 (i) SEQUENCE CHARACTERISTICS:  
389 (A) LENGTH: 18 amino acids  
390 (B) TYPE: amino acid  
391 (C) STRANDEDNESS: Not Relevant  
392 (D) TOPOLOGY: linear  
394 (ii) MOLECULE TYPE: peptide  
399 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 19:  
401 Gln Asn Ser Leu Lys Ser Lys Gln Gly Pro Ile Asp Val Phe Leu Cys  
402 1 5 10 15  
404 Pro Glu

RAW SEQUENCE LISTING ERROR SUMMARY DATE: 09/16/2002  
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### Invalid Line Length:

The rules require that a line not exceed 72 characters in length. This includes spaces.

Seq#:1;	Line(s)	64
Seq#:2;	Line(s)	80
Seq#:3;	Line(s)	96
Seq#:4;	Line(s)	112
Seq#:5;	Line(s)	128
Seq#:6;	Line(s)	146
Seq#:7;	Line(s)	164
Seq#:8;	Line(s)	182
Seq#:9;	Line(s)	200
Seq#:10;	Line(s)	218
Seq#:11;	Line(s)	239
Seq#:12;	Line(s)	260
Seq#:13;	Line(s)	281
Seq#:14;	Line(s)	302
Seq#:15;	Line(s)	323
Seq#:16;	Line(s)	344
Seq#:17;	Line(s)	365
Seq#:18;	Line(s)	386

**VERIFICATION SUMMARY**

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Input Set : N:\Crf3\RULE60\10027219.raw

Output Set: N:\CRF4\09162002\J027219.raw

L:26 M:220 C: Keyword misspelled or invalid format, [(A) APPLICATION NUMBER:]  
L:27 M:220 C: Keyword misspelled or invalid format, [(B) FILING DATE:]